

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052454

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 GO1R33/385 F16F15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 GO1R F16F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, EMBASE, MEDLINE, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 075 363 A (SELLERS ET AL) 13 June 2000 (2000-06-13) the whole document	1-8, 10, 12, 13 9, 11
A	US 2002/148604 A1 (EMERIC PIERRE R ET AL) 17 October 2002 (2002-10-17) cited in the application paragraph '0028! - paragraph '0039!	1-13
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 435 (C-0760), 18 September 1990 (1990-09-18) -& JP 02 169637 A (SHOWA ELECTRIC WIRE & CABLE CO LTD), 29 June 1990 (1990-06-29) abstract; figure 1	1, 13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

23/02/2005

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
 Fax: (+31-70) 340-3018

Authorized officer

Skalla, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052454

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6075363	A	13-06-2000	DE	19733742 C1		04-02-1999
US 2002148604	A1	17-10-2002	DE JP	10215994 A1 2002320600 A		17-10-2002 05-11-2002
JP 02169637	A	29-06-1990		NONE		